

In the Specification

Please replace the paragraph beginning on page 12, line 1 with the following amended paragraph:

According to one aspect of the invention, a housing 70 is provided to hold the lenses L_1 - L_6 of Figure 1, and to ensure the values of h_1 , h_2 , h_3 , and h_4 are maintained appropriately. The housing 70, in the absence of the lenses, is shown in cross-sectional view in Figure 6. In one embodiment, the housing 70 includes ten step locations, S_1 - S_{10} . The steps are formed in the housing for the purpose of receiving the lenses L_1 - L_6 and an aperture stop, and ease the process of assembling the lenses L_1 - L_6 . The length and diameter of each step location is shown in Table 1. The lengths are given relative to the x-axis in Figure 6, and the diameters relative to the y-axis. Some of the step locations have more than one diameter, in which case Table 1 below indicates the minimum diameter. The length 71 of the housing is approximately 7.4 mm. The following data is for the invention scaled to 8.36 mm focal length.

Please replace the paragraph beginning on page 12, line 14 with the following amended paragraph:

The housing 70 may be formed with threads to allow the housing to be threaded in and held relative to another component, such as a camera housing. In one embodiment, the housing is formed with an M9 thread, having, e.g., an outer diameter of approximately 8.9 mm and a pitch diameter of approximately 8.6 mm. Of course, other suitable thread configurations or other suitable attaching arrangements may be employed, as the present invention is not limited in this respect. Wrench flats 76 may be formed along the length of the housing, or as shown, along a portion of the housing to facilitate threading the housing to the other component. The width 72 across the wrench flats is approximately 7 mm. Other suitable arrangements to facilitate threading the housing, such as, e.g., spanner wrench slots, may be employed, as the present invention is not limited in this respect.

Please replace the paragraph beginning on page 14, line 3 with the following amended paragraph:

Figure 8A illustrates a front-on view of the micro-plate, which has a circular outer diameter, d_o , of approximately 4 mm, and a flat edge 73 that is spaced from the center of the micro-plate by a distance 74. The distance 74 between the flat edge 73 and the center of the micro-plate may be approximately 1.88 mm ~~from the center of the micro-plate~~. The size of the aperture stop, which may also be designated by f number, corresponds to the diameter d_i of the central circular opening and may be any one of several values, as listed in Table 2, for example. According to an aspect of the invention, any of the values listed in Table 2 may be used without needing to reposition the lenses L_1 - L_6 relative to each other. In other words, the performance of the lens assembly remains within satisfactory limits for any of the aperture sizes.

Please replace the paragraph beginning on page 14, line 12 with the following amended paragraph:

Figure 8B illustrates a side view of the micro-plate of Figure 8A. In one embodiment, the thickness 75 of the plate is approximately 0.127 mm, although other suitable thicknesses may be employed as the present invention is not limited in this respect. The following data is for the invention scaled to 8.36 mm focal length.

In the Drawings

Applicants present the attached "Replacement Sheets" of formal drawings, which include the amended Figures 2-6, 8A, and 8B. These sheets replace the original informal drawing sheets.

The changes to Figures 2-6, 8A, and 8B are shown on the attached "Annotated Sheets Showing Changes," which include a red line, marked-up version of Figures 2-6, 8A, and 8B. A Request for Corrections, Approval and Entry of Drawings is enclosed.